

Course Detail
Master of Science Program
Sports Science
(Revised Curriculum 2019)

Name of institution	Bangkok Thonburi University
Campus/ Faculty/Subject Area	Faculty of Sports Science and Technology Department of Sports Science

Part 1 General Information

1. Course code and name

1.1 Course code

1.2 Course name

Thai	วิทยาศาสตรมหาบัณฑิต สาขาวิชาวิทยาศาสตร์การกีฬา
English	Master of Science Program in Sports Science

2. Degree name and Field of study

Thai	Full name: วิทยาศาสตรมหาบัณฑิต (วิทยาศาสตร์การกีฬา) Abbreviation: วท.ม. (วิทยาศาสตร์การกีฬา)
English	Full name: Master of Science (Sports Science) Abbreviation: M.Sc. (Sports Science)

3. Major

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4. Number of credits throughout the course

No less than 36 credits

5. Type of the course

5.1 Type

Two-year Master's degree

- Plan A Type A1 36 credits
- Plan A Type A2 36 credits
- Plan B 36 credits

3.1 Course

3.1.1 Number of credits

Plan A Type A1

This is a study plan that includes only the thesis, totaling 36credits, and requiring that 4 subjects be studied without credits counted and must pass the English language exam according to the criteria set by the university. In addition, they must participate in the academic activities of the course.

Plan A Type A2

This is a study plan that emphasizes research, including course content, methods, and research skills in specific fields of study with credits throughout the program not less than 36 credits.

Plan B

This is a study plan that focuses on thesis and course content. Methods and skills for doing theses in a specific field study with credits throughout the program not less than 36 credits.

3.1.2 Course structure (3 plans)

Category	Number of credits		
	Plan A Type A1	Plan A Type A2	Plan B
- Basic subjects	-	6	6
- Compulsory subjects	-	14	14
- Elective subjects	-	4	10
- Thesis	36	12	-
- Independent Study	-	-	6
Total	36	36	36

Note

1. Students study in Plan A, Type A 1 must have a bachelor's degree in the field of physical education, sports science, health education or health sciences and register for the courses MSS 512 Research Methods in Sports Science, MSS 513 Statistical Analysis in Sports Science, MSS 626 Seminar on Sports Coaching in a Global Society and MSS 636 Seminar in Sports Management in a Global Society without counting credits and must receive a course grade of P.

2. Students enrolled in Plan A 2, and Plan B who do not have a bachelor's degree in physical education, sports science, health education or health sciences must be enrolled in the course MSS 001 Fundamentals of Sports Science 1, MSS 002 Fundamentals of Sports Science 2 without counting credits and must receive a course grade of P.

English for graduate studies

Applicants to the Master of Science program must pass the English proficiency test with not less than 50 percent according to the criteria set by the university.

3.1.4 Educational Plan

Sports training Group

Plan A Type A1

Year 1: Semester 1

Course Code	Course Name	Credit
MSS 512	Research methods in sports science *	2(2-0-4)
MSS 513	Statistics and analysis in sports science *	2(2-0-4)
MSS 626	Seminar on sports training in a global society*	2(2-0-4)
	Total	6(6-0-12)

* Noncredit Courses

Year 1: Semester 2

Course Code	Course Name	Credit
MSS 801	Thesis 1	12
	Total	12

Year 2: Semester 1

Course Code	Course Name	Credit
MSS 802	Thesis 2	12
	Total	12

Year 2: Semester 2

Course Code	Course Name	Credit
MSS 803	Thesis 3	12
	Total	12

Sports training Group

Plan A Type A2

Year 1: Semester 1

Course Code	Course Name	Credit
MSS 511	Contemporary issues in sports science	2(2-0-4)
MSS 512	Research methods in sports science	2(2-0-4)
MSS 623	Physiology of advanced sports performance training	3(3-0-6)
MSS 626	Seminar on sports training in a global society	2(2-0-4)
MSS 001	Basics of Sports Science 1*	3(3-0-6)
	Total	12(12-0-24)

*Only for those who do not have a bachelor's degree in sports training, physical education, or sports science

Year 1: Semester 2

Course Code	Course Name	Credit
MSS 513	Statistics and analysis in sports science	2(2-0-4)
MSS 622	Psychology and Communication for Athletic Trainers	2(2-0-4)
MSS 625	Advanced training program	3(3-0-6)
MSS 804	Thesis 1	3
MSS 002	Basics of Sports Science 2*	3(3-0-6)
	Total	13(10-0-20)

*Only for those who do not have a bachelor's degree in sports training, physical education, or sports science

Year 2: Semester 1

Course Code	Course Name	Credit
MSS 621	Sports coaching principles and ethics	2(2-0-4)
MSS 624	Sports risk management	2(2-0-4)
MSS xxx	Elective subjects	2(2-0-4)
MSS xxx	Elective subjects	2(2-0-4)
MSS 805	Thesis 2	3
	Total	11(8-0-16)

Year 2: Semester 2

Course Code	Course Name	Credit
MSS 806	Thesis 3	6
	Total	6

Sports training Group

Plan B

Year 1: Semester 1

Course Code	Course Name	Credit
MSS 511	Contemporary issues in sports science	2(2-0-4)
MSS 512	Research methods in sports science	2(2-0-4)
MSS 623	Physiology of advanced sports performance training	3(3-0-6)
MSS 626	Seminar on sports training in a global society	2(2-0-4)
MSS 001	Basics of Sports Science 1*	3(3-0-6)
	Total	12(12-0-24)

*Only for those who do not have a bachelor's degree in sports training, physical education, or sports science

Year 1: Semester 2

Course Code	Course Name	Credit
MSS 513	Statistics and analysis in sports science	2(2-0-4)
MSS 622	Psychology and Communication for Athletic Trainers	2(2-0-4)
MSS 625	Advanced training program	3(2-0-6)
MSS xxx	Elective subjects	2(2-0-4)
MSS 002	Basics of Sports Science 2*	3(3-0-6)
	Total	12(11-0-24)

*Only for those who do not have a bachelor's degree in sports training, physical education, or sports science

Year 2: Semester 1

Course Code	Course Name	Credit
MSS 621	Sports coaching principles and ethics	2(2-0-4)
MSS 624	Sports risk management	2(2-0-4)
MSS xxx	Elective subjects	2(2-0-4)
MSS xxx	Elective subjects	2(2-0-4)
	Total	8(8-0-16)

Year 2: Semester 2

Course Code	Course Name	Credit
MSS xxx	Elective subjects	2(2-0-4)
MSS xxx	Elective subjects	2(2-0-4)
MSS 901	Independent Study	6
	Total	10(4-0-8)

Sports Management Group

Plan A Type A1

Year 1: Semester 1

Course Code	Course Name	Credit
MSS 512	Research methods in sports science*	2(2-0-4)
MSS 513	Statistics and analysis in sports science *	2(2-0-4)
MSS 636	Seminar on sports management in a global society *	2(2-0-4)
	Total	6(6-0-12)

* Noncredit

Year 1: Semester 2

Course Code	Course Name	Credit
MSS 801	Thesis 1	12
	Total	12

Year 2: Semester 1

Course Code	Course Name	Credit
MSS 802	Thesis 2	12
	Total	12

Year 2: Semester 2

Course Code	Course Name	Credit
MSS 803	Thesis 3	12
	Total	12

Sports Management Group

Plan A Type A2

Year 1: Semester 1

Course Code	Course Name	Credit
MSS 511	Contemporary issues in sports science	2(2-0-4)
MSS 512	Research methods in sports science	2(2-0-4)
MSS 632	Management of sports activities and facilities in world society	3(3-0-6)
MSS 636	Seminar on sports management in a global society	2(2-0-6)
MSS 001	Basics of sports science 1*	3(3-0-6)
	Total	12(12-0-26)

*Only for those who do not have a bachelor's degree in sports training, physical education, or sports science

Year 1: Semester 2

Course Code	Course Name	Credit
MSS 513	Statistics and analysis in sports science	2(2-0-4)
MSS 631	Leadership and critical thinking in sports management	2(2-0-4)
MSS 634	Sports economics and finance in a global society	3(3-0-6)
MSS 804	Thesis 1	3
MSS 002	Basics of sports science 2*	3(3-0-6)
	Total	13(10-0-20)

*Only for those who do not have a bachelor's degree in sports training, physical education, or sports science

Year 2: Semester 1

Course Code	Course Name	Credit
MSS 633	Sports Marketing and Supporting in a Global Society	2(2-0-4)
MSS 635	Management of sports institutions	2(2-0-4)
MSS xxx	Elective subjects	2(2-0-4)
MSS xxx	Elective subjects	2(2-0-4)
MSS 805	Thesis 2	3
	Total	11(8-0-16)

Year 2: Semester 2

Course Code	Course Name	Credit
MSS 806	Thesis 3	6
	Total	6

Sports Management Group**Plan B****Year 1: Semester 1**

Course Code	Course Name	Credit
MSS 511	Contemporary issues in sports science	2(2-0-4)
MSS 512	Research methods in sports science	2(2-0-4)
MSS 632	Management of sports activities and facilities in world society	3(3-0-6)
MSS 636	Seminar on sports management in a global society	2(2-0-6)
MSS 001	Basics of sports science 1*	3(3-0-6)
	Total	12(12-0-26)

*Only for those who do not have a bachelor's degree in sports training, physical education, or sports science

Year 1: Semester 2

Course Code	Course Name	Credit
MSS 513	Statistics and analysis in sports science	2(2-0-4)
MSS 631	Leadership and critical thinking in sports management	2(2-0-4)
MSS 634	Sports economics and finance in a global society	3(3-0-6)
MSS xxx	Elective subjects	2(2-0-4)
MSS 002	Basics of sports science 2*	3(3-0-6)
	Total	12(12-0-24)

*Only for those who do not have a bachelor's degree in sports training, physical education, or sports science

Year 2: Semester 1

Course Code	Course Name	Credit
MSS 633	Sports Marketing and Supporting in a Global Society	2(2-0-4)
MSS 635	Management of sports institutions	2(2-0-4)
MSS xxx	Elective subjects	2(2-0-4)
MSS xxx	Elective subjects	2(2-0-4)
	Total	8(8-0-16)

Year 2: Semester 2

Course Code	Course Name	Credit
MSS xxx	Elective subjects	2(2-0-4)
MSS xxx	Elective subjects	2(2-0-4)
MSS 901	Independent Study	6
	Total	10(4-0-8)